

## IN THE CLAIMS

Please amend the claims as set forth below:

Please cancel claims 1-20.

Please add new claims 21 through 40 , as follows:

Claims 1-20 (cancelled).

Claim 21 (new)      A split ice making and delivery system carried on a transport vehicle having at least one compartment, wherein said system comprises:

an isolated compressor/condenser subassembly located and isolated in said one compartment for compressing and condensing a refrigerant to provide a cooled refrigerant;

a remote ice making subassembly disposed in a location remote from said one compartment adapted for connection to a supply of fresh water for producing ice, said ice making subassembly being further disposed in a location readily accessible to persons on the transport vehicle;

said ice making subassembly including a water freeze chamber for producing ice, said water freeze chamber having a chamber inlet for receiving said fresh water to produce said ice and a chamber outlet for delivering said ice out of said freeze chamber;

a rotating auger carried in said freeze chamber for conveying said ice through chamber outlet;

an ice storage bin located at said remote location adjacent to said ice making subassembly for receiving said ice directly from said chamber outlet and for storing said ice for access by the persons on said transport vehicle; and

a refrigerant delivery line for delivering said cooled refrigerant from said isolated compressor-condenser unit to said remote ice making subassembly and a refrigerant return line for returning spent refrigerant from said ice making subassembly to said compressor/condenser unit; and

said refrigerant delivery line effectively delivering said cooled refrigerant from said isolated compressor/condenser subassembly to said remote ice making subassembly over a long distance through said transport vehicle and said ice is delivered from said ice maker subsystem to said storage bin directly so that ice is accessible to persons on said transport vehicle without clogging of long ice delivery lines and with reduced noise.

Claim 22 (new)      The system of claim 1 wherein said ice storage bin is affixed in an adjacent position with respect to said freeze chamber so that ice from said freeze chamber outlet is reliably dispensed generally without any distance from said freeze chamber outlet into said storage bin.

Claim 23 (new)      The system of claim 22 including a housing covering said freeze chamber; and said ice storage bin being attached in a generally fixed position relative to said freeze chamber outlet wherein said ice is delivered directly from said freeze chamber to said ice storage bin by a short conduit extending from said housing into said storage-bin.

Claim 24 (new)      The system of claim 23 wherein said freeze chamber housing includes a first attachment coupler; and said ice storage bin includes a second attachment coupler adapted for connection to said first coupler to secure said ice storage bin and said housing together.

Claim 25 (new)      The system of claim 24 including an ice delivery channel for delivering said ice from said water freeze chamber to said adjacent storage.

Claim 26 (new)      The system of claim 21 wherein said freeze chamber includes an evaporator coil coiled around said auger having an evaporator inlet for receiving said cooled refrigerant from said refrigerant delivery line and an evaporator outlet which expels said spent refrigerant into said refrigerant return line for delivery to said compressor/condenser subassembly.

Claim 27 (new)      The system of claim 21 including a sensor carried in said ice storage bin at a prescribed level for generating a signal to deactivate said ice making subassembly to stop the production of ice upon said ice reaching said prescribed level in said ice storage bin.

Claim 28 (new)      The system of claim 26 wherein said sensor further senses the temperature of the ice at said prescribed level.

Claim 29 (new)      A mobile split ice making and delivery system comprising:  
                        a transport vehicle having at least one compartment  
                        an isolated compressor/condenser subassembly located and isolated in said one compartment for compressing and condensing a refrigerant to provide a cooled refrigerant;  
                        a remote ice making subassembly disposed in a location remote from said one compartment adapted for connection to a supply of fresh water for producing ice, said ice making subassembly being further disposed in a location readily accessible to persons on the transport vehicle;

said ice making subassembly including a water freeze chamber for producing ice, said water freeze chamber having a chamber inlet for receiving said fresh water to produce said ice and a chamber outlet for delivering said ice out of said freeze chamber;

an ice storage bin located at said remote location adjacent to said ice making subassembly for receiving said ice from said chamber outlet and for storing said ice for access by the persons on said transport vehicle; and

a refrigerant delivery line for delivering said cooled refrigerant from said isolated compressor/condenser unit to said remote ice making subassembly and a refrigerant return line for returning spent refrigerant from said ice making subassembly to said compressor/condenser unit; and

said refrigerant delivery line effectively delivering said cooled refrigerant from said isolated compressor/condenser subassembly to said remote ice making subassembly over a long distance through said transport vehicle so that ice is accessible to persons on said transport vehicle without clogging of long ice delivery lines and with reduced noise.

Claim 30 (new)      The system of claim 29 wherein said ice storage bin is affixed in an adjacent position with respect to said freeze chamber so that ice from said freeze chamber outlet is reliably and directly dispensed from said freeze chamber into said storage bin.

Claim 31 (new)      The system of claim 29 including a housing covering said freeze chamber; and said ice storage bin being attached in a generally fixed position relative to said freeze chamber outlet wherein said ice is delivered directly from said freeze

chamber outlet to said ice storage bin by a short conduit extending from said housing into said storage-bin.

Claim 32 (new)      The system of claim 29 including a sensor carried in said ice storage bin at a prescribed level for generating a signal to deactivate said ice making subassembly to stop the production of ice upon said ice reaching said prescribed level in said ice storage bin.

Claim 33 (new)      The system of claim 32 wherein said sensor further senses the temperature of the ice at said prescribed level.

Claim 34 (new)      The system of claim 31 including a rotating auger carried in said freeze chamber for conveying said ice through chamber outlet.

Claim 35 (new)      A split ice making and delivery system comprising:

- (a)    a condenser-compressor subassembly which compresses and condenses refrigerant;
- (b)    a remote ice making subassembly having a rotating auger, a fresh water freeze chamber adapted to be filled with portable fresh water and an outlet wherein rotation of said auger forces out of said outlet, ice product;
- (c)    a refrigerant delivery subassembly coupled to said condenser-compressor subassembly and said remote ice making subassembly for delivering there between said refrigerant wherein said refrigerant delivery subassembly has a length sufficient to reach a remote room or remote

location and to reach said remote ice making subassembly remote from said condenser-compressor subassembly; and

(d) a housing unit for housing said remote ice making subassembly, said housing unit comprises:

- (i) means for channeling ice which is coupled to the outlet of said remote ice making subassembly;
- (ii) a cover covering a top of said housing unit; and
- (iii) bracket elements for securing said housing unit to a stationary structure.

Claim 36 (new) The system of claim 35 including a manual reset button to allow manual reset when said ice clogs said subassembly

Claim 37 (new) The system of claim 35 including a housing covering said freeze chamber; and said ice storage bin being attached in a generally fixed position relative to said freeze chamber outlet wherein said ice is delivered directly from said freeze chamber outlet to said ice storage bin by a short conduit extending from said housing into said storage bin.

Claim 38 (new) The system of claim 37 wherein said freeze chamber housing includes a first attachment coupler; and said ice storage bin includes a second attachment coupler adapted for connection to said first coupler to secure said ice storage bin and said housing together.

Claim 39 (new) The system of claim 35 including a sensor carried in said ice storage bin at a prescribed level for generating a signal to deactivate said ice making

subassembly to stop the production of ice upon said ice reaching said prescribed level in said ice storage bin.

Claim 40 (new)      The system of claim 39 wherein said sensor further senses the temperature of the ice at said prescribed level.